First and final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. E

Serial No. .....

Name of work ..... From ..... To .....

496207

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work: providing RO plant at General Hospital Yelahanka Ward No. 01.						
	Job No: 01-21-000005						
	NO. No: BBMP/EE/YNK.D/EPMT-01/NO/60/2021-22, Dt: 05-10-2021						
	Ag. No: BBMP/EE/YNK.D/AG/32/2021-22. Dt: 05-10-2021						
	Est Amt: 10.00 Lakh						
	Tender Amt: 25. 9.41,752.00/-						
	Agency Name: Sri. N Shivakumar #40, Nagarabalu, S.N. Halli post, Yelahanka, Bengaluru-560064.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earthwork Excavation for foundation of buildings, water Supply, Sanitary lines and Electrical conduits either in pits or in trenches 1.5m above in width, in hard Soil not Exceeding 1.5m in depth including the bottom and Sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per Specification. Vide Qty from THB page No. 4962-70. Qty. 39.70 cum @ Rs. 484.00 = Rs. 19216.74.						
	2) providing and laying in position plain Cement Concrete of mix 1:3:6 with ope Cement @ 220 kgs with 40mm and down size graded metal Coarse aggregate @ 0.892 cum and fine aggregate						

Serial No. .....
Name of work .....
Name of Contractor of
Date of commencement

Date	Full descript
1	2
	@ 0.45 cu -ing 15 cm all mate Specificatio Vide
	3) providing in found Courses not

M. A. R. 57 (Rule 116) **No. E**
Measurement Book

Serial No. .....

496208 .

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ 0.45 cum machine mixed, Concrete laid in layers not exceeding 15 cms thick well Compacted, in foundation including cost of all materials, labour, hire of machinery, curing completed as per Specification.						
	Vide Qty from THB page No. 496271						
	Qty. 334 cum @ Rs. 5609.00					: Rs. 18734.06.	
3)	providing and Constructing granite/trap/basalt in foundation with cement mortar 1:8, Stone coursed not less than 20cms	cement mortar 1:8, Stone	Rich, hand	Stones		Size Stone masonry hammered dressed to two to apart in	

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

496209

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	providing flush pointing to Squared rubble, coarse or uncoursed stone masonry with cement mortal, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, HOH curing complete as per Specification.						
	Vide Qty from THB page No. 49627)						
	Qty. 6.80 Sqm @ Rs. 152/m = Rs. 1033.60.						
6)	Providing and laying in position reinforced cement Concrete of design mix M20 with opc cement @ 340 kgs, with 20mm and down size graded granite metal Coarse aggregate @ 0.7 cum and fine aggregates						

M. A. R. 57 (Rule 116) **No. E**
Measurement Book

Serial No. 496210

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and wastage shall be measured and paid cost of materials, labour Hire of machinery Complete as per the Specifications.						
	For footing. 8mmϕ 150mm c/c.					0.06	
	For Columns (4Nos) 12mmϕ. 8mm Stirrups 125mm c/c.					0.05	
	For plinth Beam 12mmϕ (4Nos), 8mm Stirrups 125mm c/c					0.09	
	For Lintel - 8mmϕ (4Nos), 8mm Stirrups 150mm c/c					0.02	
						0.22 T	
	Qty. 0.21 T @ Rs 69562 = Rs 14608.02						
8)	providing and removing centering, Shuttering, Stripping etc,						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. 496211

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10)	providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever necessary smooth rendering, providing and removing scaffolding including cost of materials, labour etc complete as per specification.						
	vide Qty from THB page No. 496273						
	Qty. 13.52 Sqm @ Rs. 248.00 = Rs. 3285.36.						
11)	providing 12mm thick cement plaster in single coat with cement mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding						

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Measurement Book

Serial No. .....

496212

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13)	providing and fixing Special mate glazed (certified tile) (Granite flooring) of approved make, quality and colour of size 600 x 600 x 10mm thick fixed on existing flooring with a Special coffee adhesive for flooring and Skirting etc, Complete including providing Spacer at required joint and removing Stair etc.						
	For flooring.	1	5.20	2.70	-	14.04 Sqm	
	Qty.	13.52 Sqm @ Rs. 1285.00 = Rs. 17373.20.					
14)	providing Skirting, dado, risers of Steps with Colour glazed tiles of 10mm thick Cement plaster 1:3 and jointed with white cement Slurry						

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. 496214

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(7)	providing and finishing External walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dust and loose powdered material, free from moital drops and other foreign matter cost of material, labour, complete as per Specification.						
	External wall	2	5.60	-	3.75	42.00	
		2	3.10	-	3.75	23.25	
	Less Shelter	-1	2.60	-	2.10	-5.46	
	Ventilator	-2	0.90	-	1.10	-1.98	
						57.81 Sqm	
	Qty.	57.81 Sqm		@ Rs 264.00		= Rs 15261.84	
				@ 96.00		5549.76	

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. .....

496215

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Including fixing the pipe with clamps at 1.00 mtr spacing. The including jointing of pipes and fittings with one layer of approved Solvent cement & the cost of cutting chases & making good the same including testing of joints complete (concealed work including cutting chases and good the walls etc) 32 mm nominal OD pipes.						
		1	36.00	-	-	36.00 mtr	
		@	36.00 mtr	@ Rs. 139.00		= Rs. 5004.00.	
20/	Fabricating, Supplying & erecting MS angular Truss of span upto 10m. The bottom and top members to be provided with 50x50x6 mm double equal angles, welded back to back and the between top & bottom (the,						

M. A. R. 57 (Rule 116) No. E

Measurement Book

496216

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	Angle 50×50×5mm)	1	5.60	- / 5.60 kg/m	5.60 m 5.60×5.60 31.3536 144.30 kg	
	Qty. 144.30 kgs @ Rs. 124.00 = Rs 17892.20					
2)	providing Trapezoidal profiled Sheet Providing and installing of pre painted Galvalume Trapezoidal profiled Sheet of approved make (0.60mm thick (1000mm cover width), 28-30 mm Crest height with crest clamps at 333mm c/c with 2 nos at the centre for Stiffening. The total cost shall					

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Measurement Book

496217

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	40 kg/cm² type of drum - plate Squired cage indilion mortal make CRI/IEXMO. 2. multigeated Sand filter (MSF) Qty office- one number Type - Top and bottom flow Size - 15'X 65" operation flow rate - 4M3/Hr operation - 40 kg/cm² type of media - Dual Sand and anthracite Supporting media Gravels and filter Moc of Shell - FRP make PARTnee/Accentue. 3. Activated Carbon filter (ACF) Qty office - one number Type Top and bottom flow Size 16"X65" operation flow rate - 4M3/Hr operation pressure 3.5 kg/cm² type of media Activated Carbon flaked type of resin - 150 kgs Moc of Shell - FRP make - PARTnee/Accentue TOPINE Value - 500 value.					

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. 496218

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Slab. The conduit should be fixed to the reinforcement rods by using binding wires and buried ways of junction box and pipe ends should be covered using cpc and adhesive. tape with 18 SWG GI fixing wire where necessary.						
		1	28.00	–	–	28.00 mtr	
	Qty. 28.00 mtr @ 21.53% = Rs. 1484.00						
26/	Groove cutting in the wall surface 25mm dia 2m/25mm thick heavy gauge PVC conduit pipe with bends, metal junction boxes, adhesive paints etc. and bracking U or J hooks and cement plastering up to the surface of the brick level and run with						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

496220

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
31)	Supplying and fixing of 32 Amps Security and energy Saving DP Switch key tag Suitable to operate on 230 volts, 50Hz AC Supply and completely wired on Existing box.	1	2.00	—	—	2.00 Each	
	Qty. 2.00 Nos @ Rs. 680/Each = Rs 1360.00.						
32)	Wiring for lighting/power circuit using one of pre insulated 1100 V grade multistrand copper conductor Singal core cable for open & concealed system of wiring.						
	Qty. 150 Nos @ Rs. 22.00 = Rs. 330.00.	3	86.00	—	—	258.00 mts	

M. A. R. 57 (Rule 116) **No. E**
Measurement Book

496221

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Terminated completely.						
	Qty.	16.00 Nos	@ Rs. 22.00/Each			= Rs. 352.00.	
35)	Extra for Supplying 4mm thick white Marble plate and screws for junction boxes of size 110mm Conduit using necessary machine Screws.						
	Qty.	16.00 Nos	@ Rs. 11.00/Each			= Rs 176.00	
36)	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal Stability for hot and cold water supply including all CPVC plain and brass						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	threaded fittings including fixing the pipe with clamp at 1.00m c/c Spacing. This includes jointing of pipes and fittings with one Step Cpvc Solvent Cement & the cost of cutting chase & making good the same including Testing of jointy complete. (Concrete work including cutting chases and good the walls etc) 20mm nominal OD pipes.						
	Qty.	25m	@ Rs. 253.00/m	= Rs 6325.00			
				Sub Total Amt: Rs. 927557.00			
				1% Cost charges Rs. 3307.00			
				Grand Total Amt Rs 930864.00			
							966864.00

30.05.22

Rameshanjeenath
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn) · 30/05/2022
Yelahanka, Bangalore

Serial No.
Name of work
Name of Contractor of nature of Ag
Date of commencement of work

Date	Full description, etc, of
1	2
	Certificate.
	1. The above work
	2. No. depailment

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

496222

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate.						
	1. The above work has been completed satisfactorily.						
	2. No departmental issues are made to the contractor						
	30.09.22						

MEASUREMENT BOOK

Date	Particulars of Work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	N.						
	Manhole (0.70×1.10)				Manhole (0.70×1.10)		
	Drain						
	Drain						
	Rolling Shutter. (0.60 × 2.10)						

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bang...

Serial No. .....
Name of work .....
Name of Contractor of nature of ...
Date of commencement of work ...

Date	1st and Final Full description, etc, o...
1	2
	Fine
	FSD = Rs
	CGST = Rs
	SGST = Rs
	IT = Rs
	LC = Rs
	CBF = Rs
	Royalty = Rs
	T.D. = Rs
	Net Amt = Rs 9...

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Measurement Book

496223

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	1ST and Final Bill						
		966864=00	Job code : 001-21-000005				
	Fine	7400=00	SBR NO : 19/22-23 dt: 6/6/22				
	CGST = Rs	8633=00					
	SGST = Rs	8633=00					
	IT = Rs	9669=00					
	LC = Rs	9669=00					
	CBP = Rs	957=00					
	Royalty = Rs	7250=00					
	T.D. = Rs	52,221=00					
	Net Amt = Rs	9,14,643=00					

Audited & Admitted for Rs. 9,66,864=00

9,14,643=00

and Rs 52,221=00

Accts. Supdt.